

External Sponsored Research Initiatives

| | Title | Partners / Researchers | Description | Outcome / Measurement | Status/ Next Steps | Publication |
|--|---|---|---|--|--|-------------|
| External Research: Disease Management | | | | | | |
| 1. | <p>Study of Influence of Consumer Cost Sharing on Use of Biopharmaceutical Drugs for Rheumatoid Arthritis</p> <p><u>Start Date</u> January 2010</p> <p><u>End Date:</u> December 2011</p> | University of California at Berkeley (UCB) | This study will ascertain whether the structure of cost sharing (e.g., coinsurance) influences the type of drugs and non-drug therapies used by patients with rheumatoid arthritis. | <p>The study will help identify how cost sharing affects the choice of biopharmaceuticals and could lead to reductions in the high cost of prescription use while maintaining quality and safety.</p> <p>Measures impact of coinsurance and copay on use of office administered versus self- administered drugs.</p> | <p>De-identified data from the CalPERS Health Care Decision Support System (HCDSS) were provided to UCB.</p> <p>Next Steps: UCB will analyze the data.</p> <p>The study may lead to future examination of other high-cost therapies.</p> | |
| 2. | <p>California Personalized Healthcare Information Technology (pHIT) Pilot Study – Phase I</p> <p><u>Presented to HBC</u> December 2009</p> | <p>California Institute for Telecommunications and Information Technology (Calit2)</p> <p>Anthem Blue Cross</p> | CentriHealth Inc. will build a pHIT system to deploy retrospective de-identified medical records and personalized healthcare data of a selected population of patients with breast cancer. The Pilot will demonstrate how information technology enables integration of genomic information into an electronic health record system and | <p>Positive results of integrating genomic information into electronic health records could lead to early intervention and diagnosis, resulting in cost savings and improved health outcomes for members.</p> <p>Measures genome profiles, alternate treatment protocols, and treatment effectiveness.</p> | <p>In March 2011, pHIT Task Force leadership transitioned from the California Council on Science and Technology to Calit2.</p> <p>Next Steps: Developing a personalized clinical ontology for breast cancer and</p> | |

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| | <u>End Date</u> (Phase I): Mid 2011 | | improved health care decision-making. | | genetic testing for use as a point of care decision support tool. | |
| 3. | Potentially Avoidable Complications (PAC) Analysis <u>Start Date:</u> March 2011 <u>End Date:</u> February 2012 | University of California San Francisco (UCSF) Thomson Reuters Anthem Blue Cross Medco Community Campaigns for Quality Care (CCQC) | PACs are deficiencies in care that cause harm to the patient and were potentially preventable. This analysis will determine patterns of PACs in CalPERS self-funded PPO plans and will examine ways to decrease the occurrence of PACs, which are thought to account for almost one-quarter of U.S. private sector health care costs. | To apply PROMETHEUS PAC analysis to CalPERS self-funded PPO claims; to develop a program of education and interventions promoting evidence-based care; and to reduce PACs. Examines 21 chronic conditions, acute medical events, and surgical procedures. Measures procedures and tests that should have been done compared to what was actually done to identify gaps in "best practice" care. Measures PAC high associated costs, and the substantial harm they cause to patients. | Interagency agreement is still in process. Next Steps: After agreement is in place, Thomson Reuters will extract de-identified data from HCDSS and transmit to UCSF. | "CalPERS Launches Pilot Project with UCSF," CalPERS press release, January 5, 2011. |
| External Research: Prevention | | | | | | |
| 4. | California Endowment Preventive Study | The California Endowment Urban Institute | This study attempts to replicate the California Endowment report "Prevention for a Healthier California: Investments in | If community-based prevention is confirmed to be cost-saving, CalPERS may wish to contribute to community-based | Thomson Reuters sent a de-identified data file to the Urban Institute in November 2010. | |

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| | <u>Start Date</u> April 2009 <u>End Date</u> December 2011 | Prevention Institute Thomson Reuters Trust for America's Health State Controller's Office | Disease Prevention Yield Significant Savings, Stronger Communities" for CalPERS members. This study will estimate the potential savings for CalPERS from greater disease prevention efforts and explore strategies for CalPERS to achieve those savings. | prevention efforts. Measures potential savings for CalPERS from greater disease prevention efforts. | Next Steps: The Urban Institute is developing and testing strategies for analyzing the data. It is anticipated that the analysis phase will be complete by June 2011. | |
| External Research: Service Delivery | | | | | | |
| 5. | High-performance Network Study <u>Start Date</u> June 2010 <u>End Date</u> December 2012 | Stanford University New York University (NYU) | Using data from HCDSS and the State Controller's Office, university researchers will examine how the introduction of high-performance networks affects healthcare costs; additionally, how consumers choose between plans and how insurer-provider negotiations change as a result of the networks. | Identifies opportunities for health plans to improve health care delivery and cost effectiveness. Measures how consumers choose between high performance plans and how insurer-provider negotiations change because of these networks. | Data delivered to NYU March 18, 2011. Next Steps: NYU will analyze data. | |